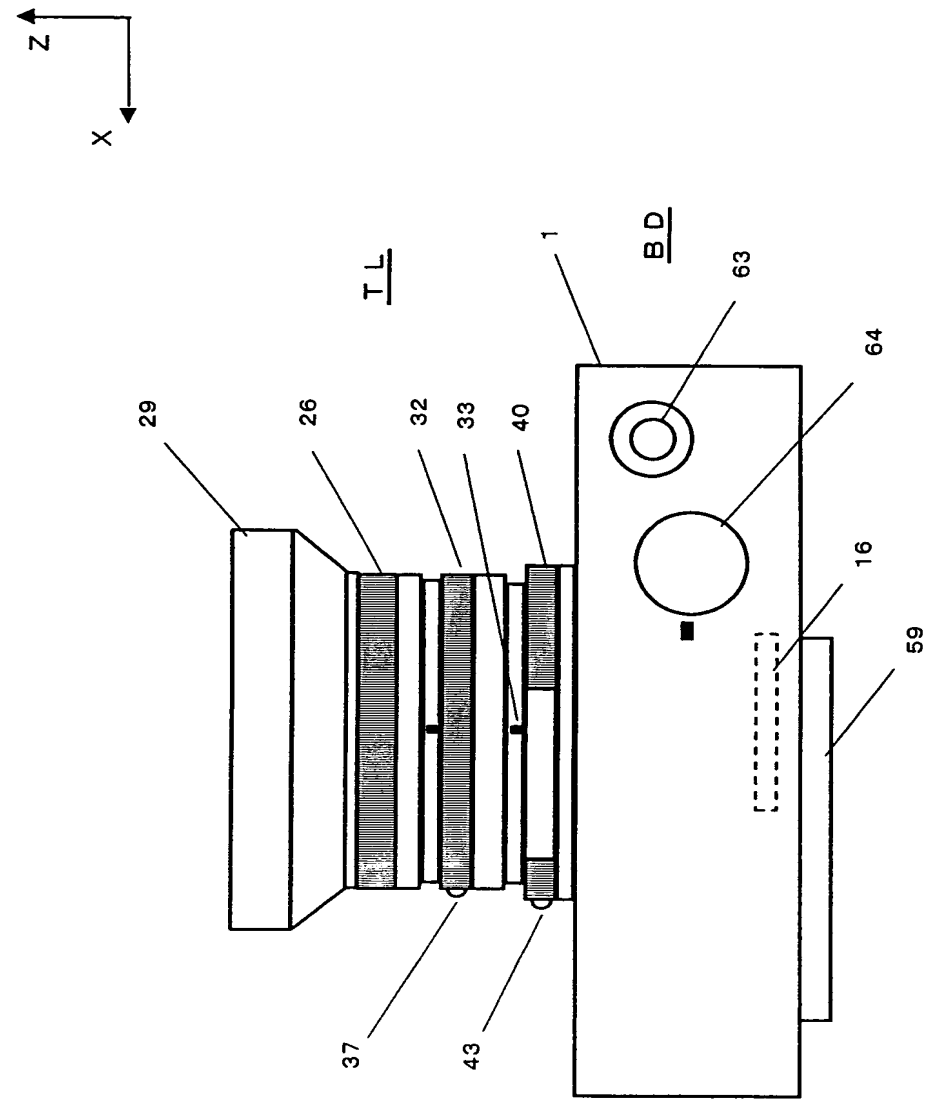


Fig.1

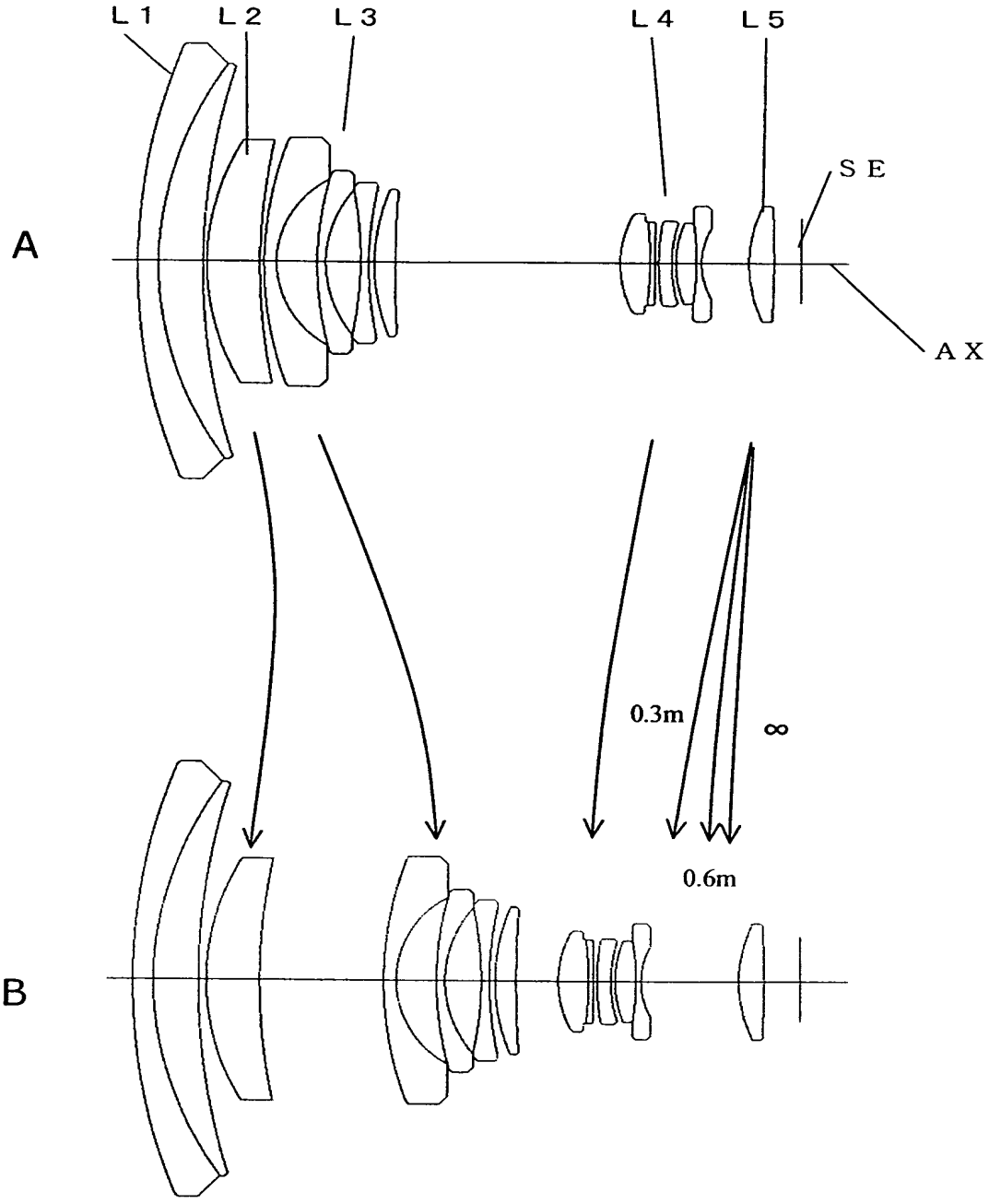


Fig.2

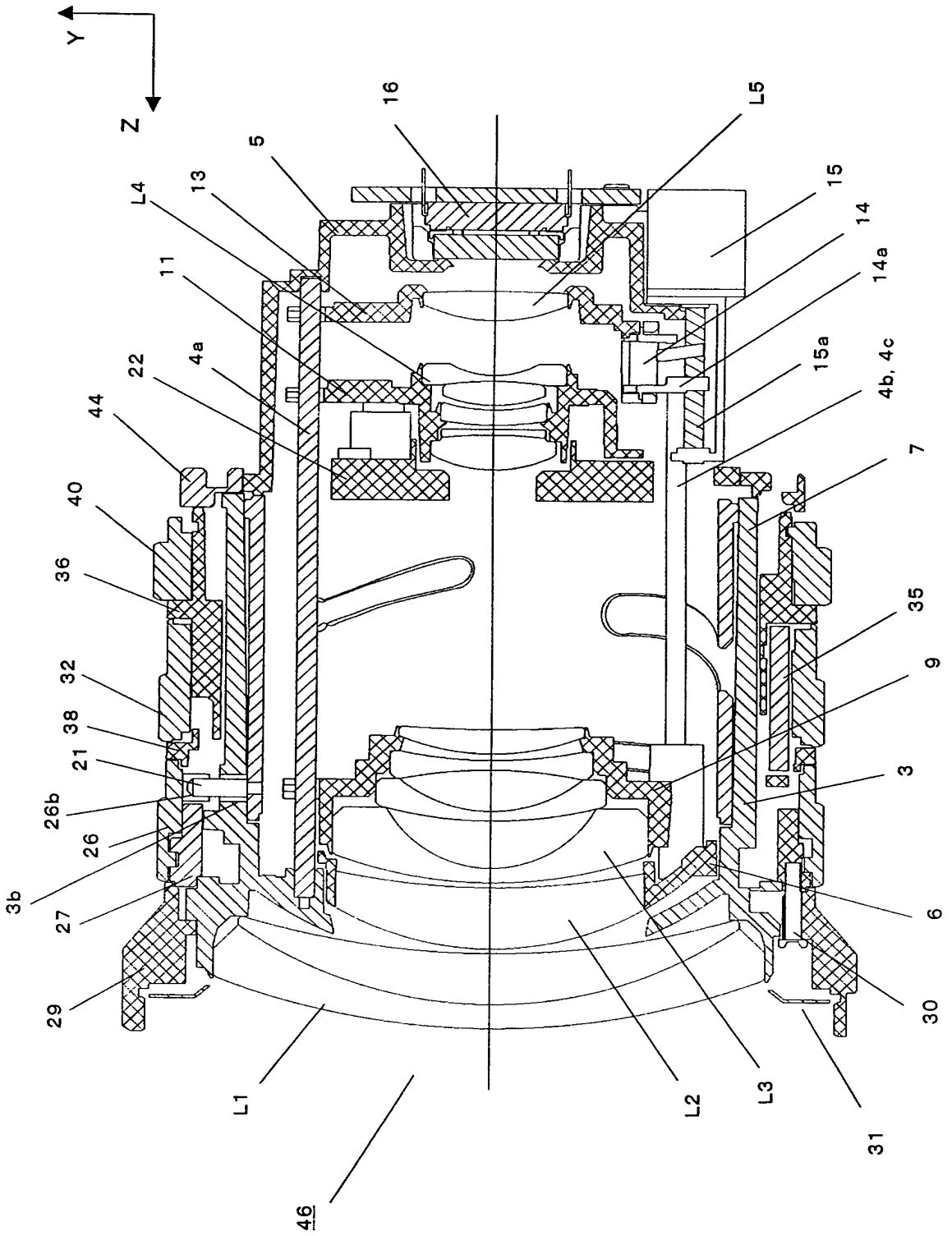

Y
Z
16
L5
5
13
L4
11
22
4a
44
40
36
32
38
21
26b
26
3b
27
29
46
L1
L2
L3
31
30
6
3
9
35
7
4b, 4c
15a
14a
14
15

Fig.3

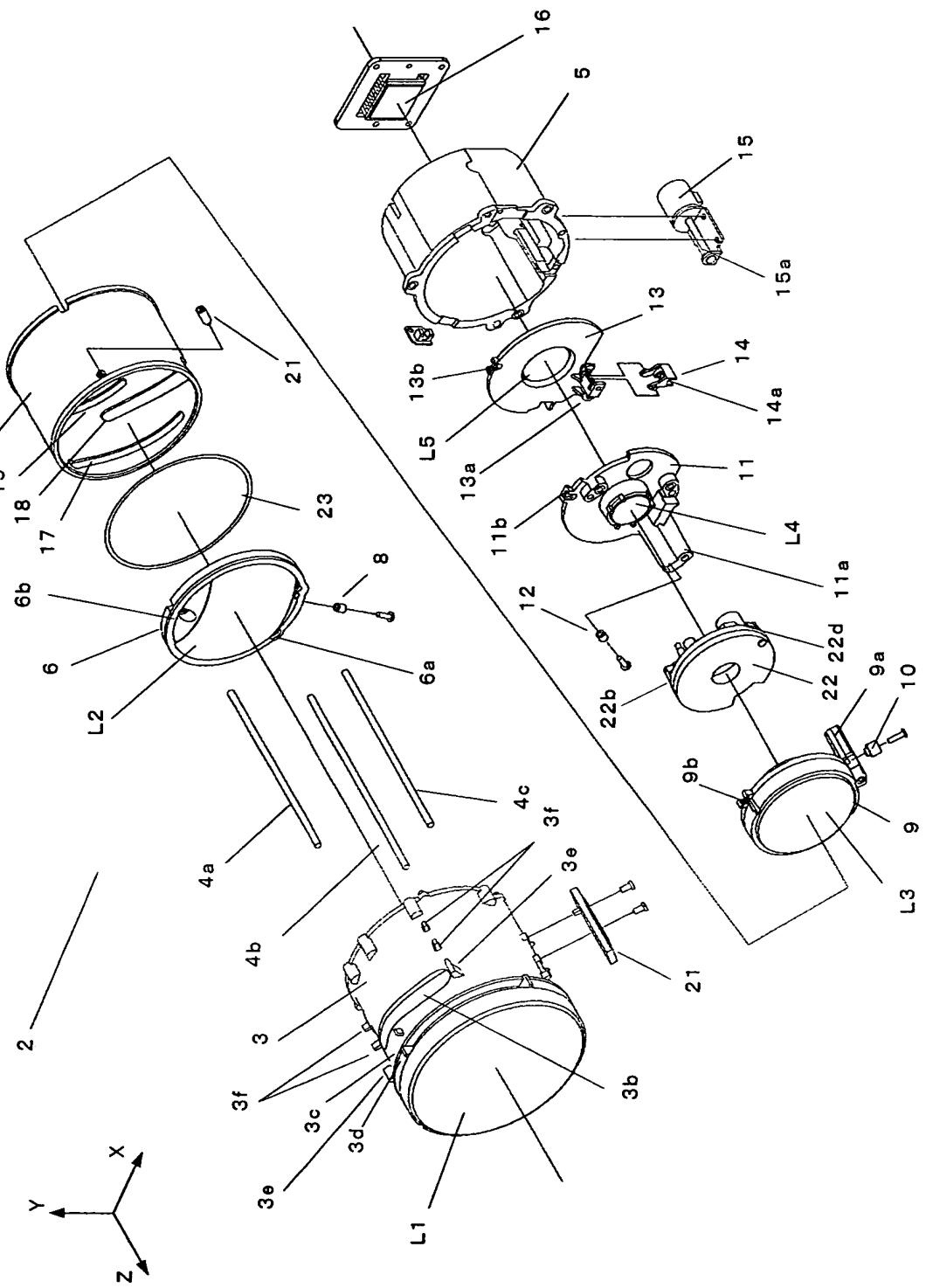

16
5
15
15a
13
13b
14
14a
L5
13a
11
11b
L4
11a
12
22d
22
22b
9a
10
9b
9
L3
21
7
19
18
17
23
8
6b
6
6a
L2
4c
3f
3e
4a
4b
3
2
3f
3c
3d
3e
3b
L1
X
Y
Z

Fig.4

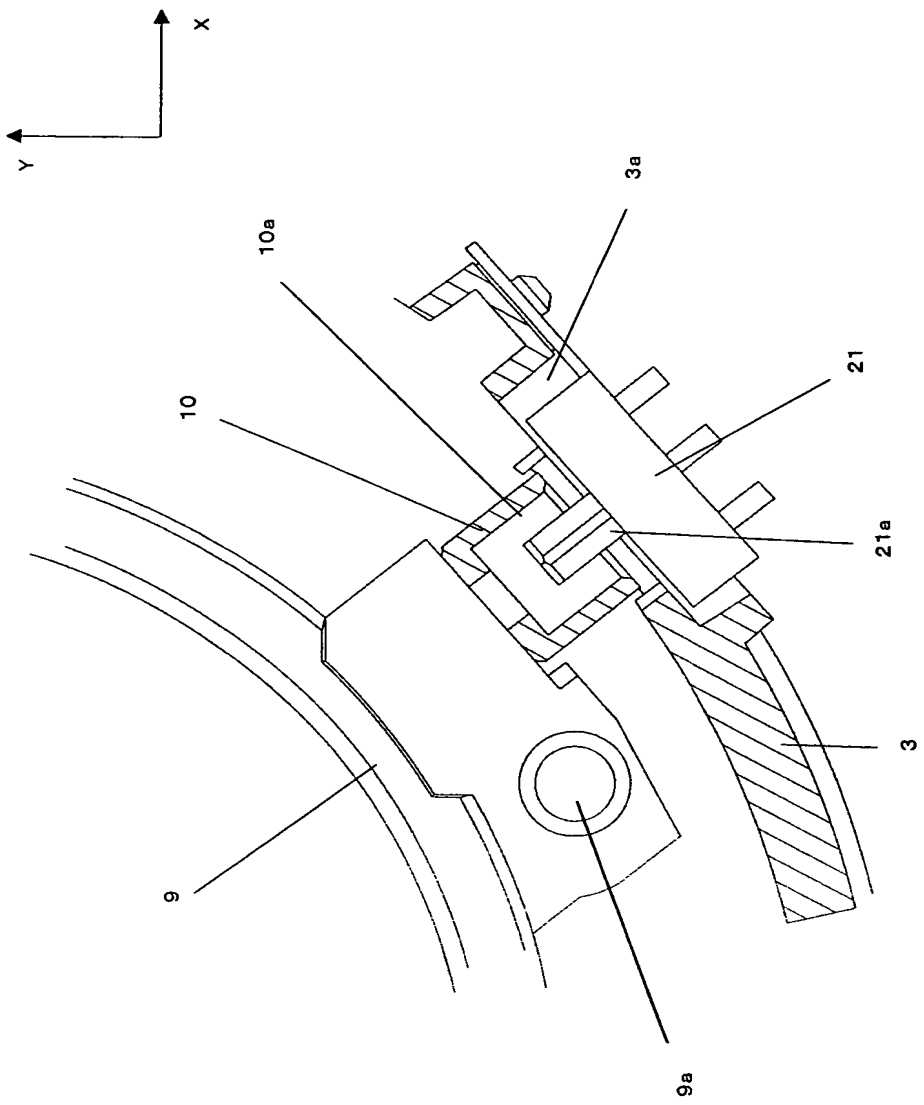


Fig.5

Fig.6 A

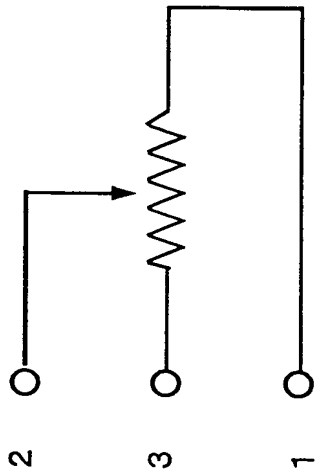
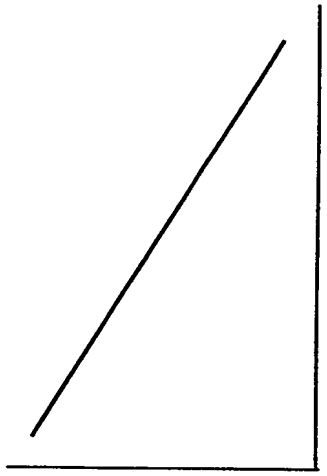

2
3
1

Fig.6 B


OUTPUT
MOVING STROKE
(MOVING DISTANCE IN OPTICAL AXIS DIRECTION)

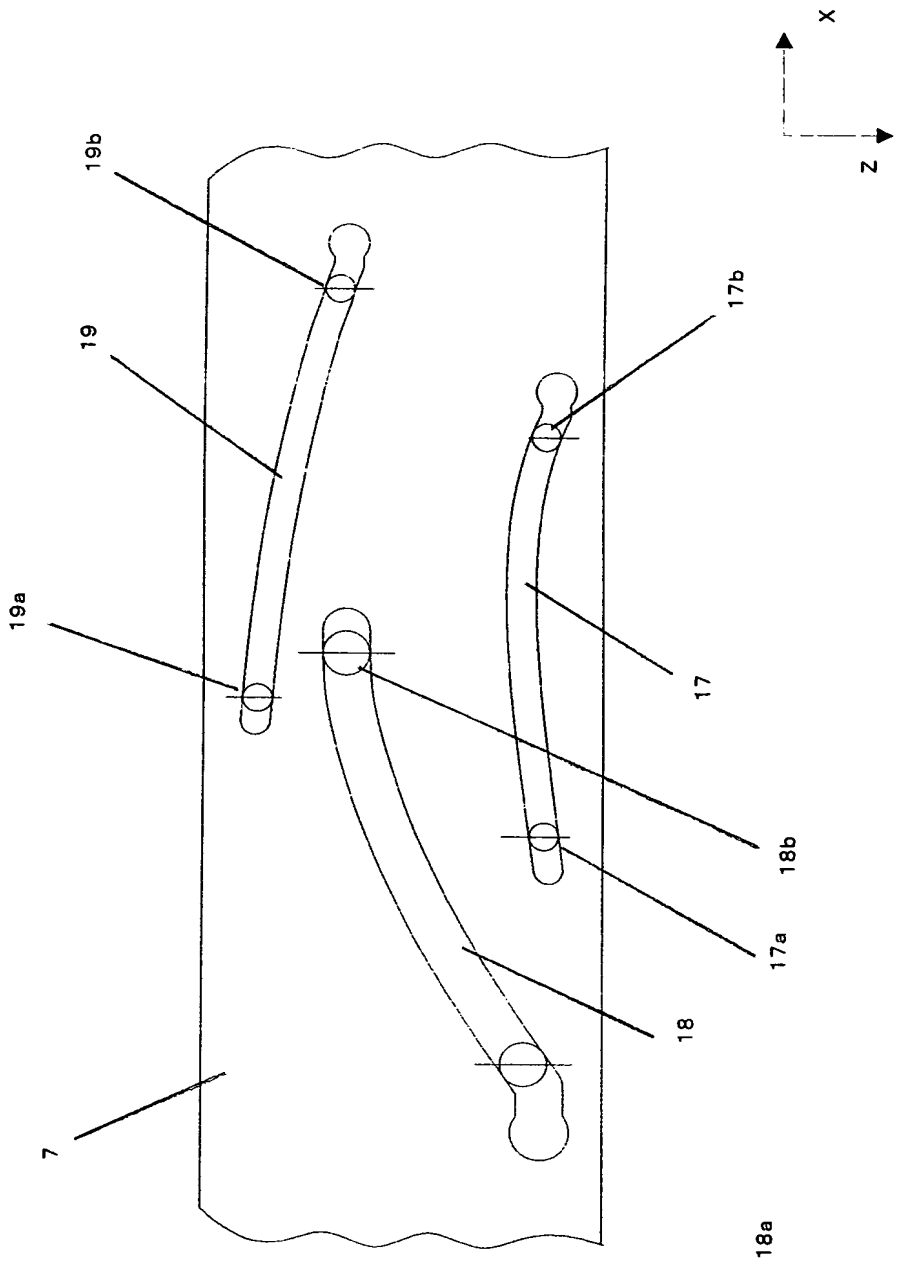


Fig.7

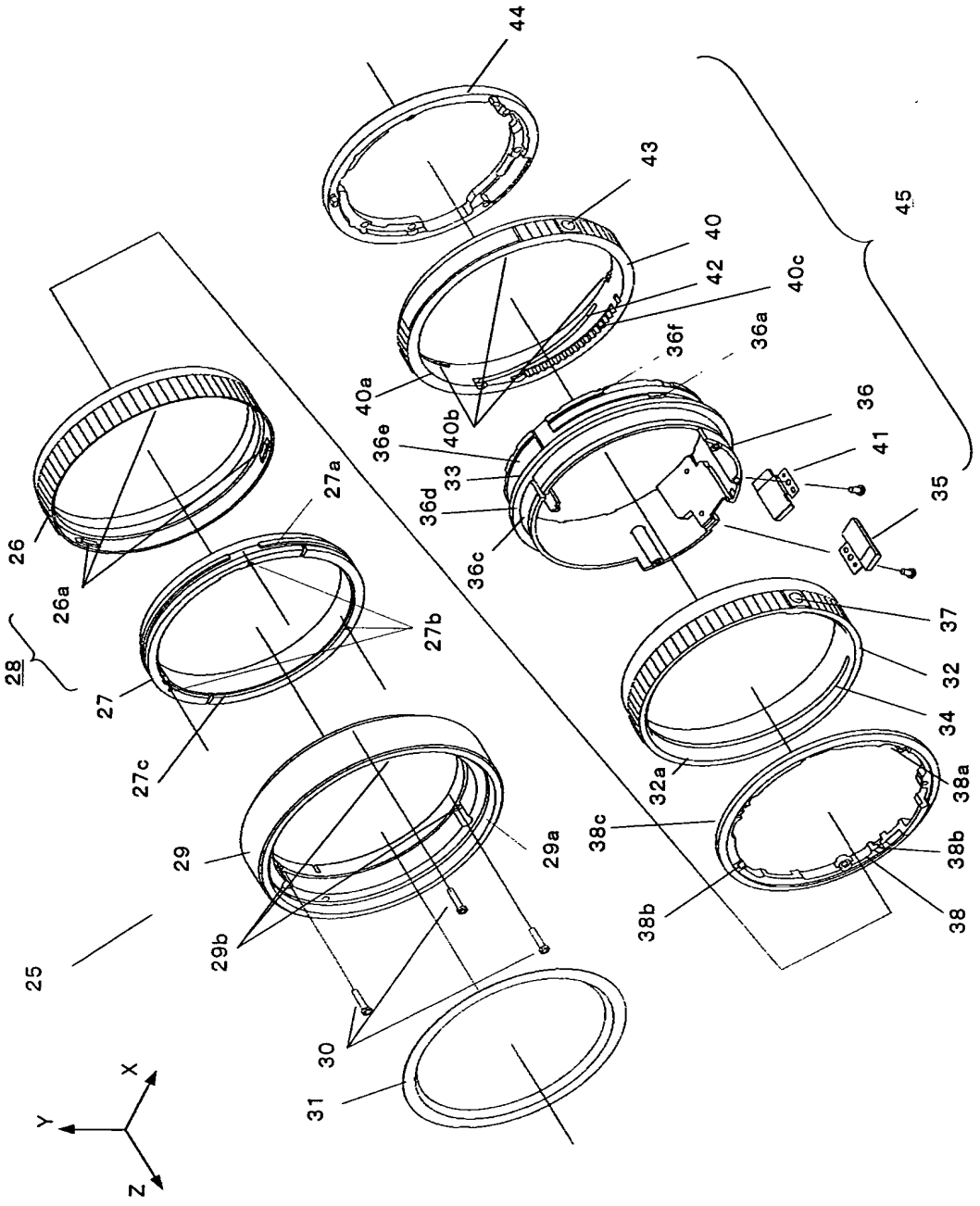

44
43
40
42
40c
45
36a
36f
40a
40b
36e
36
41
33
36d
35
36c
26
27a
26a
28
27b
27
27c
37
32
34
32a
38a
38c
29
29a
38b
38
29b
25
30
31
X
Y
Z

Fig.8

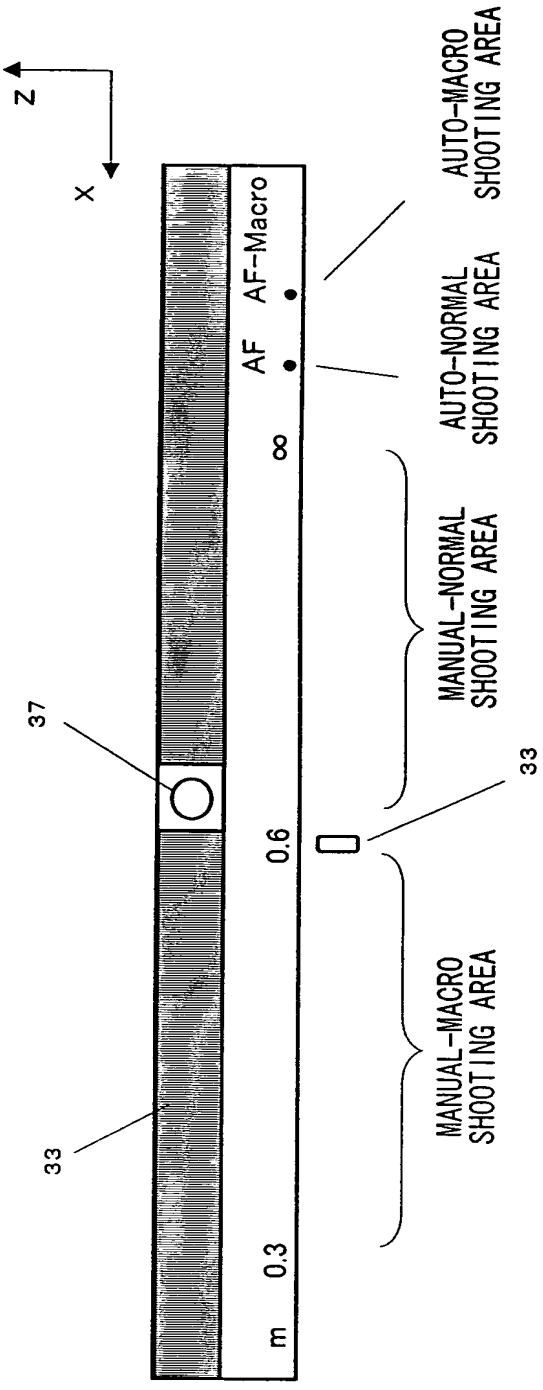

Z
X
AF
AF-Macro
∞
0.6
m
0.3
37
33
33
MANUAL-NORMAL SHOOTING AREA
AUTO-NORMAL SHOOTING AREA
MANUAL-MACRO SHOOTING AREA
AUTO-MACRO SHOOTING AREA

Fig.9 A

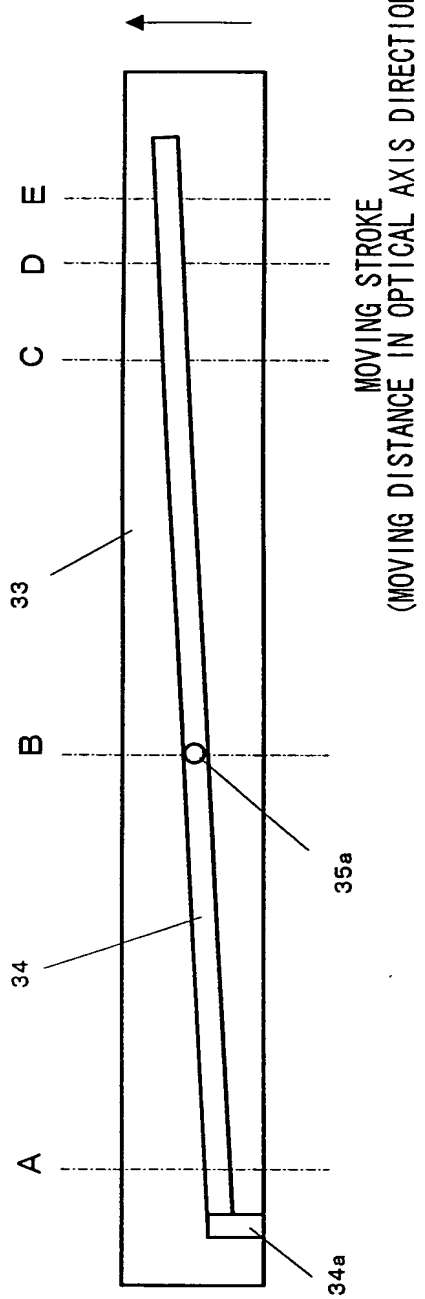

A
B
C
D
E
33
34
35a
34a
MOVING STROKE
(MOVING DISTANCE IN OPTICAL AXIS DIRECTION)

Fig.9 B

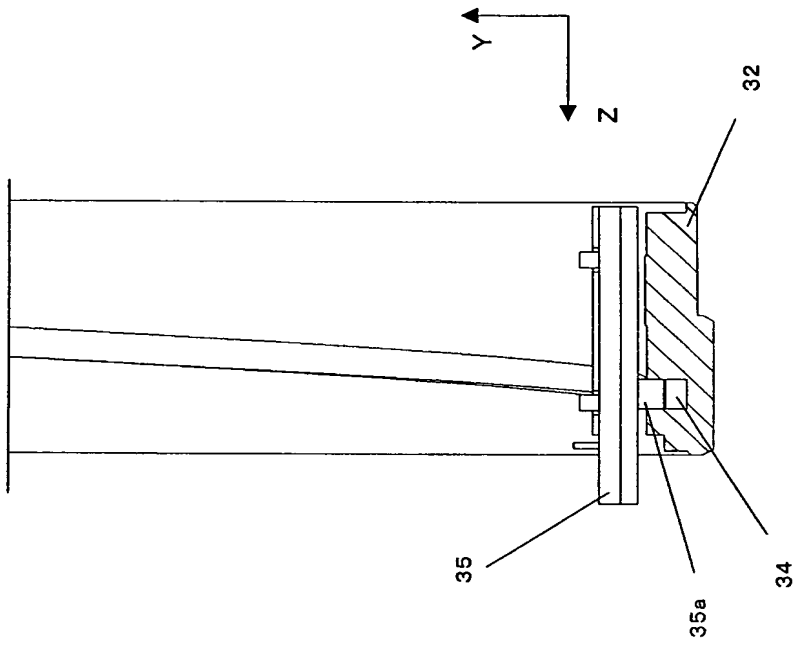


Fig.10

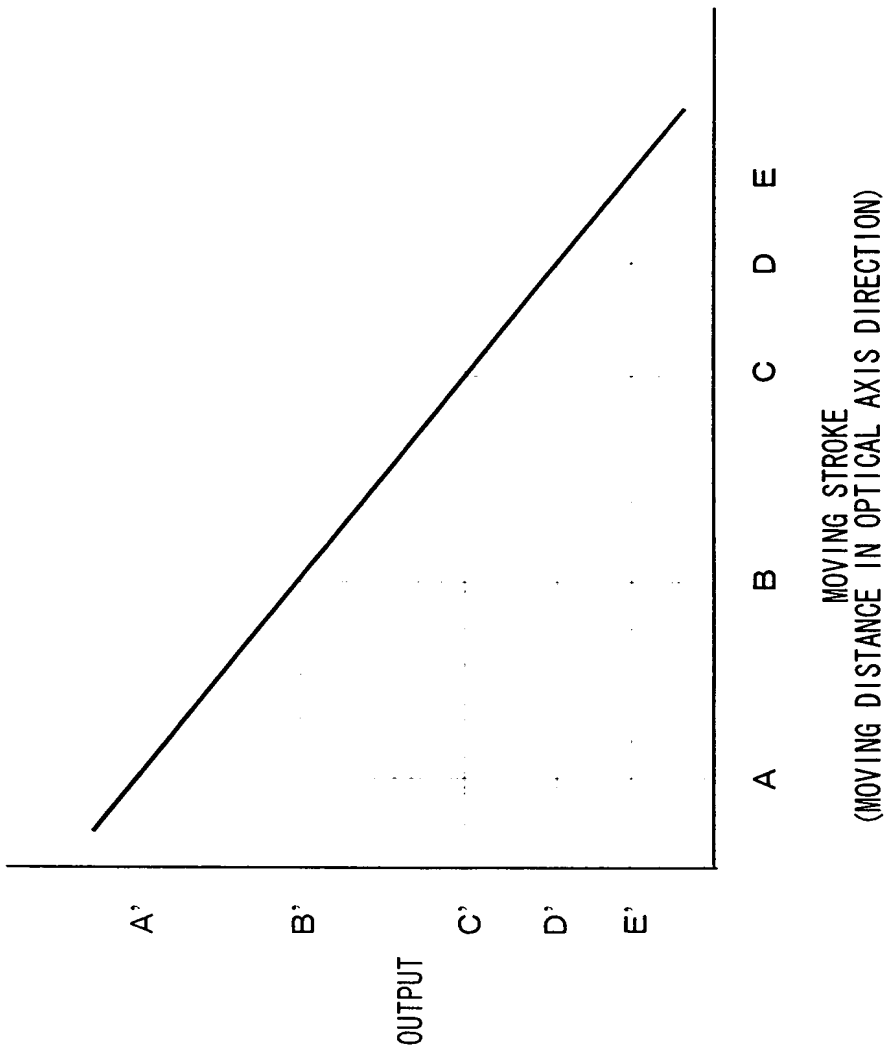

A'
B'
C'
D'
E'
OUTPUT
A
B
C
D
E
MOVING STROKE
(MOVING DISTANCE IN OPTICAL AXIS DIRECTION)

Fig.11

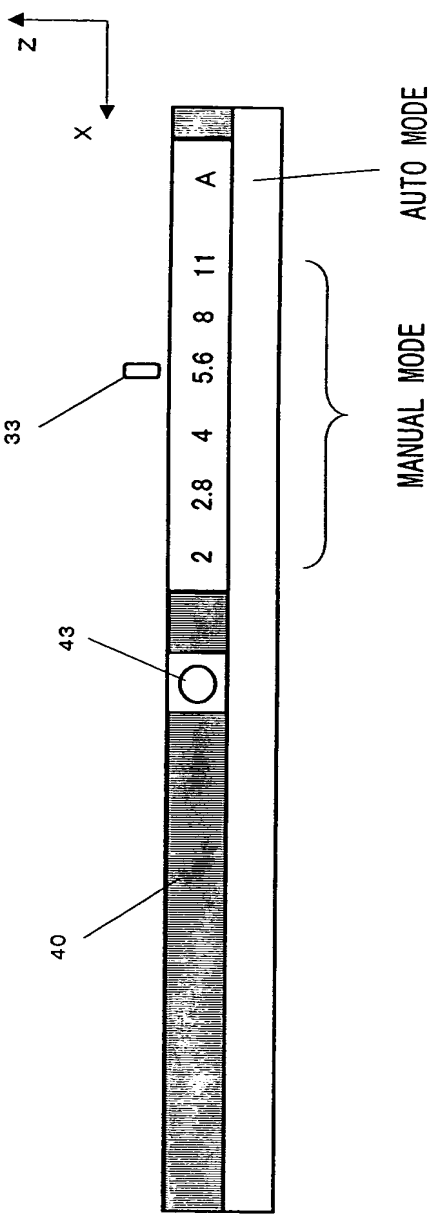


Fig.12A

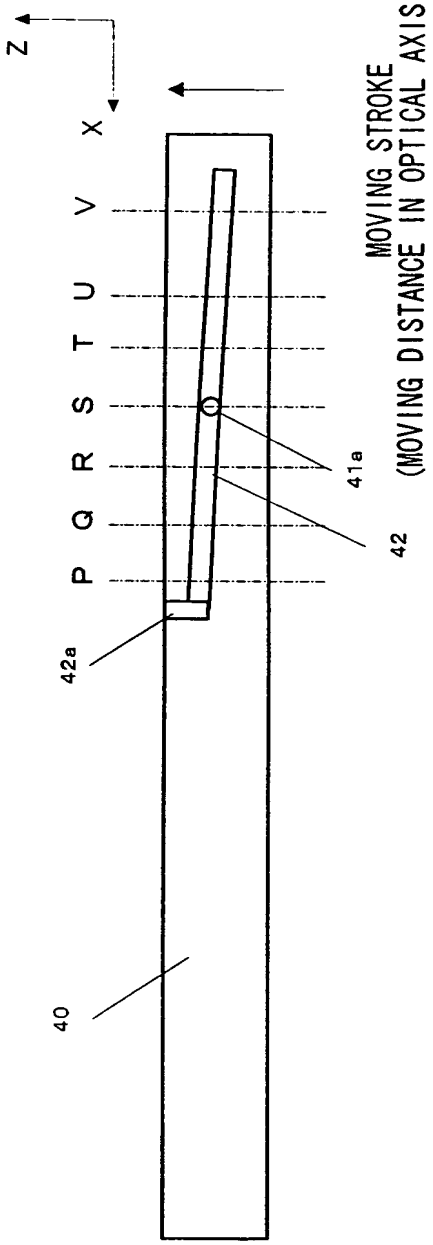


Fig.12B

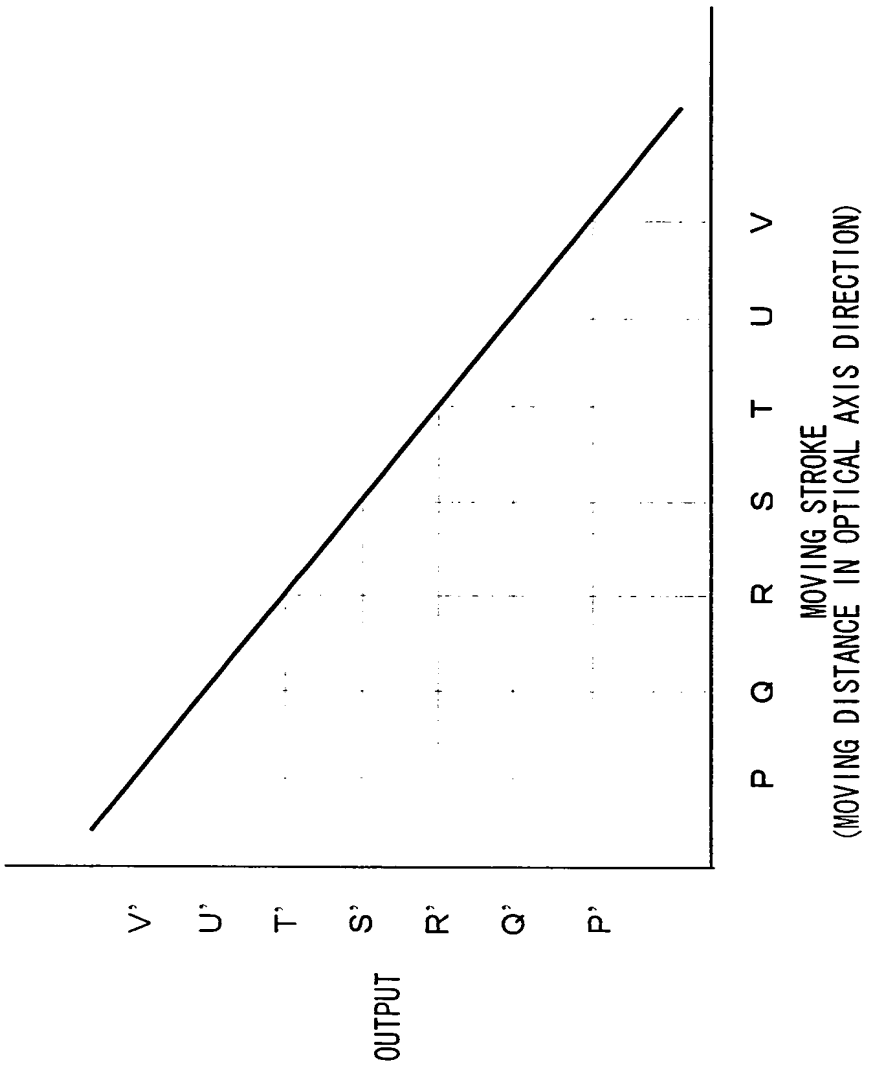

V'
U'
T'
S'
R'
Q'
P'
OUTPUT
P
Q
R
S
T
U
V
MOVING STROKE
(MOVING DISTANCE IN OPTICAL AXIS DIRECTION)

Fig.13

Fig.14 A

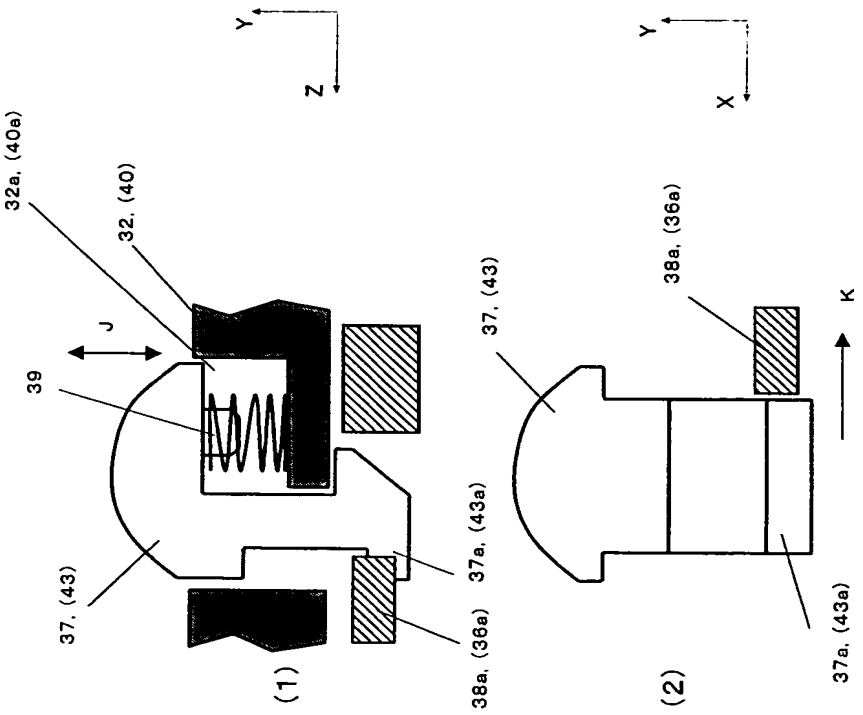

Y
Z
32a, (40a)
32, (40)
J
39
37, (43)
37a, (43a)
38a, (36a)
(1)
Y
X
38a, (36a)
37, (43)
K
37a, (43a)
(2)

Fig.14 B

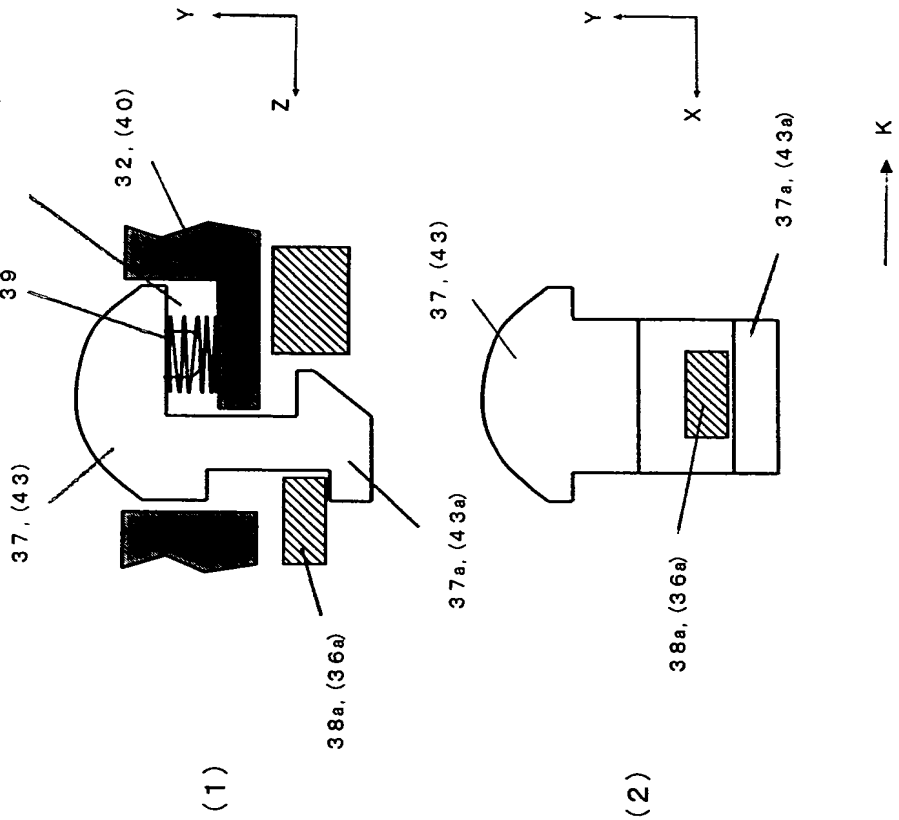
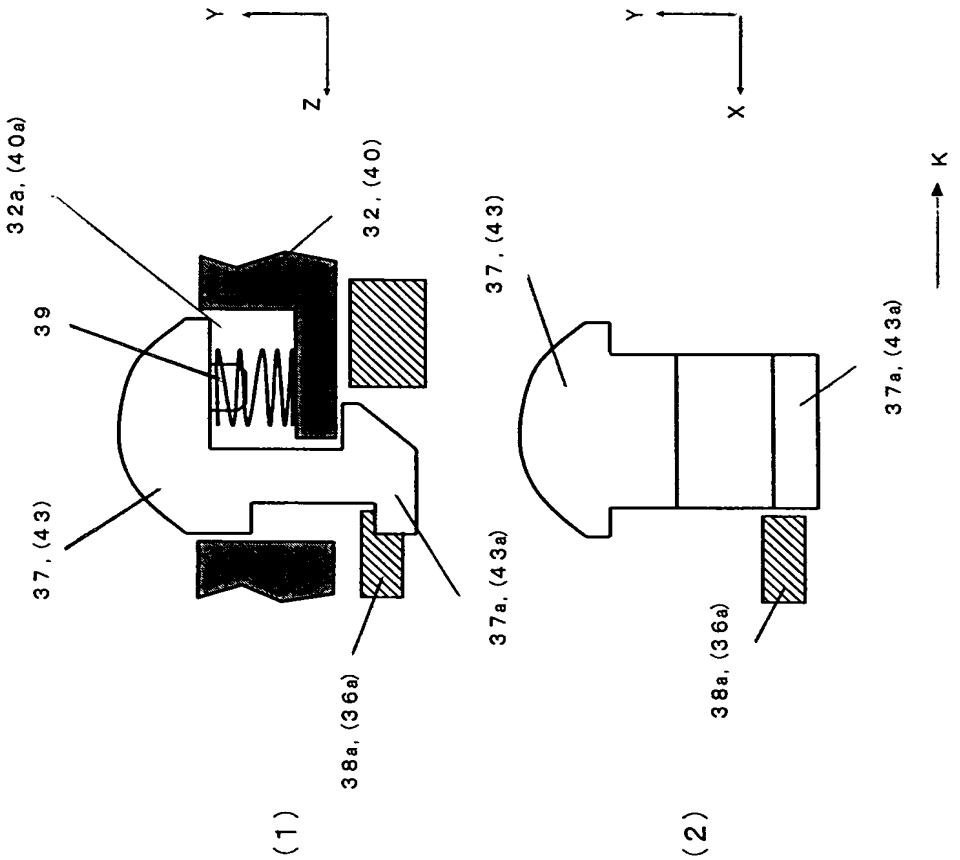

Y
Z
32a, (40a)
32, (40)
39
37, (43)
38a, (36a)
(1)
Y
X
37, (43)
37a, (43a)
37a, (43a)
38a, (36a)
K
(2)

Fig.14 C


Y
Z
32a, (40a)
39
32, (40)
37, (43)
37a, (43a)
38a, (36a)
(1)
Y
X
K
37, (43)
37a, (43a)
38a, (36a)
(2)

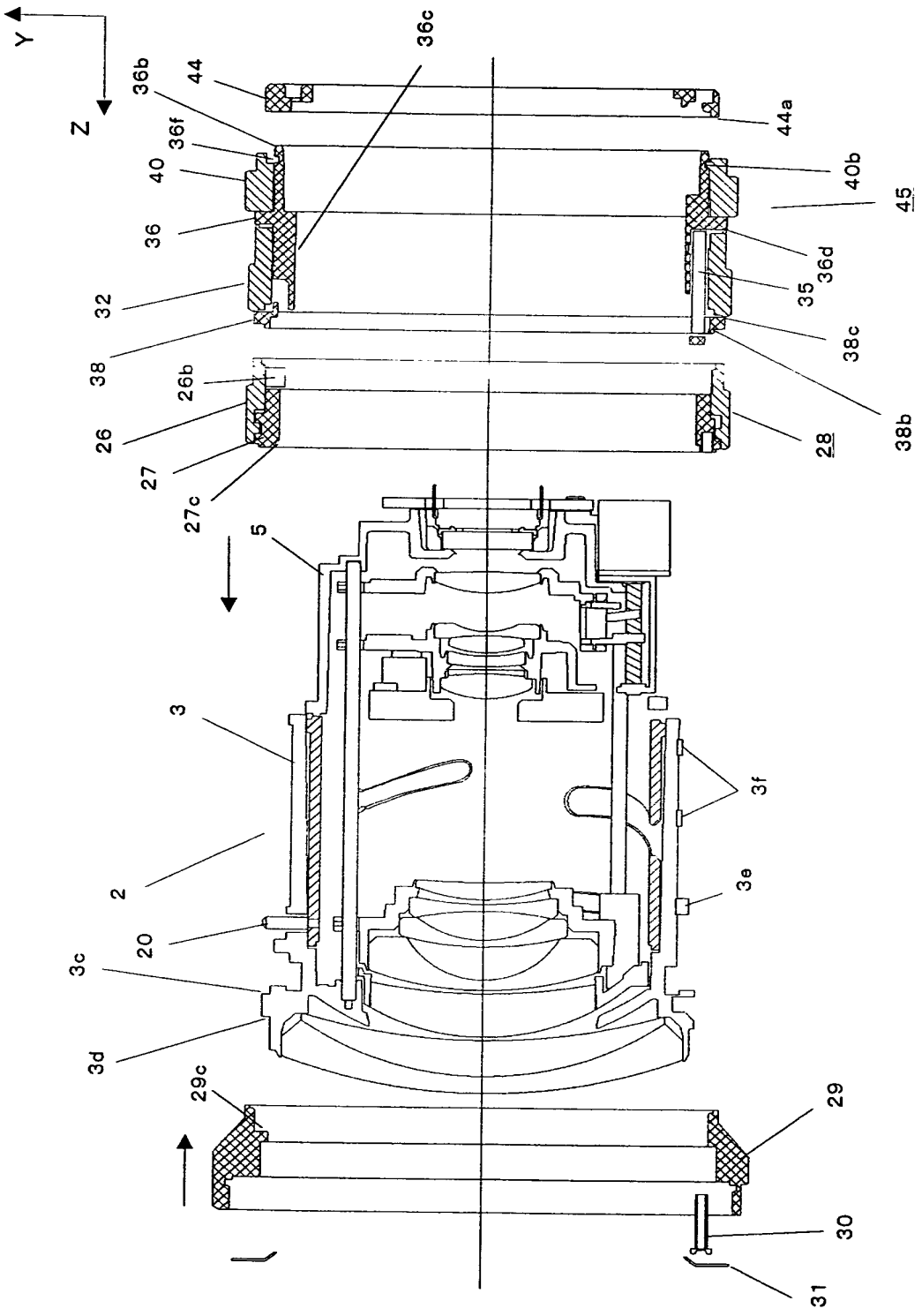

Y
Z
36c
36b
44
44a
36f
40
40b
45
36
36d
35
32
38c
38
26b
38b
26
28
27
27c
5
3
3f
2
3e
20
3c
3d
29c
29
30
31

Fig.15

ASSEMBLY PROCESS

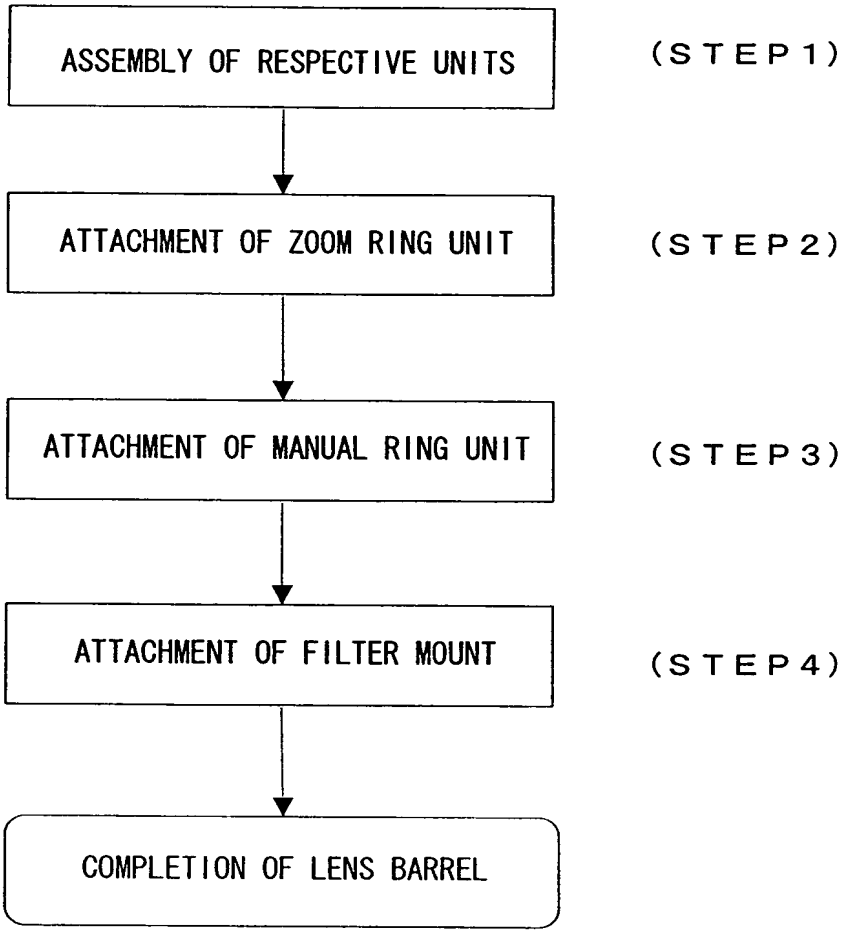


Fig.16

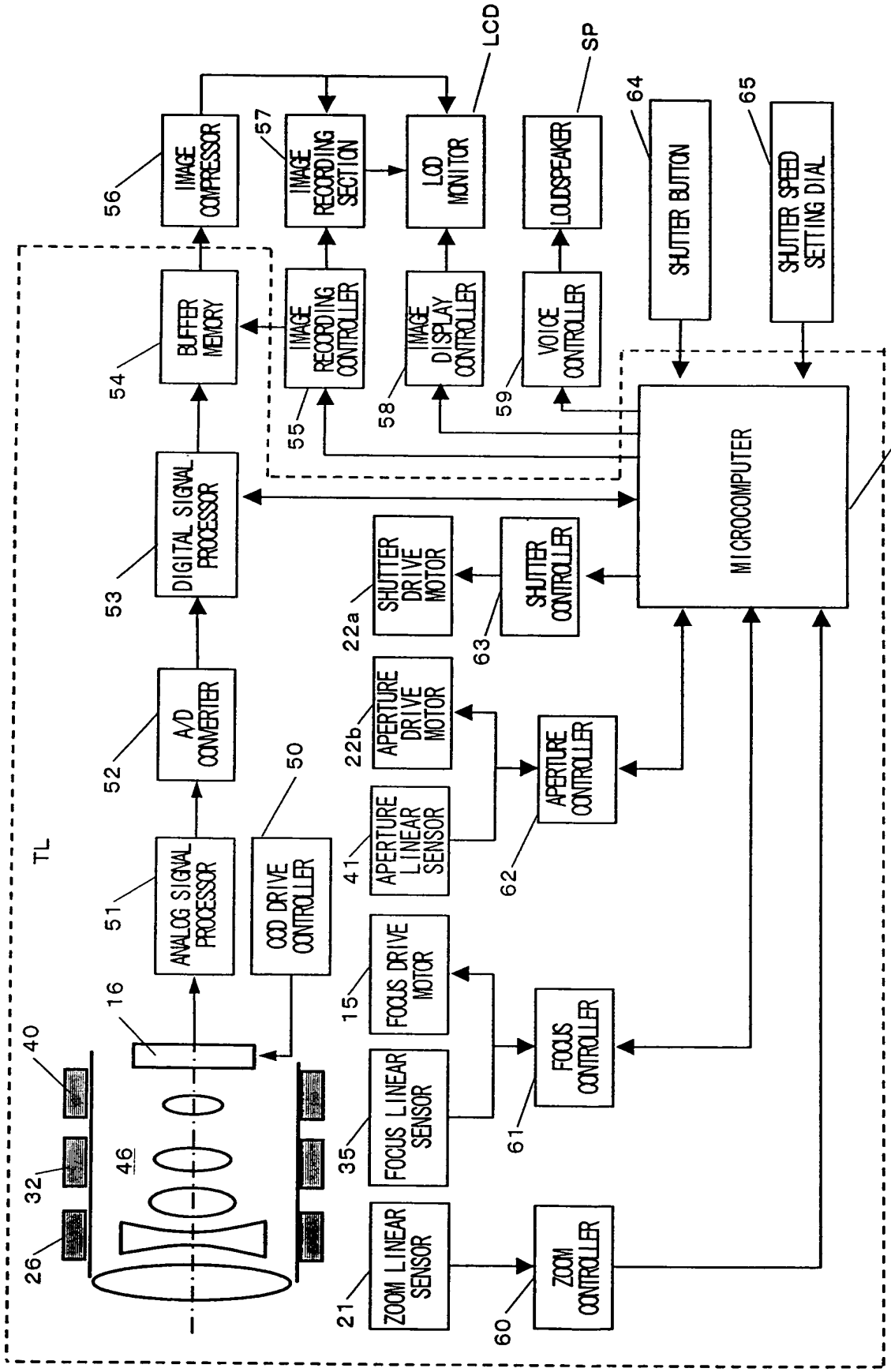

TL
MICROCOMPUTER
49
IMAGE COMPRESSOR
56
IMAGE RECORDING SECTION
57
LCD MONITOR
LCD
LOUDSPEAKER
SP
SHUTTER BUTTON
64
SHUTTER SPEED SETTING DIAL
65
BUFFER MEMORY
54
IMAGE RECORDING CONTROLLER
55
IMAGE DISPLAY CONTROLLER
58
VOICE CONTROLLER
59
DIGITAL SIGNAL PROCESSOR
53
SHUTTER DRIVE MOTOR
22a
SHUTTER CONTROLLER
63
A/D CONVERTER
52
APERTURE DRIVE MOTOR
22b
APERTURE CONTROLLER
62
APERTURE LINEAR SENSOR
41
ANALOG SIGNAL PROCESSOR
51
CCD DRIVE CONTROLLER
50
FOCUS DRIVE MOTOR
15
FOCUS LINEAR SENSOR
35
FOCUS CONTROLLER
61
ZOOM LINEAR SENSOR
21
ZOOM CONTROLLER
60
16
40
32
26
46

Fig.17

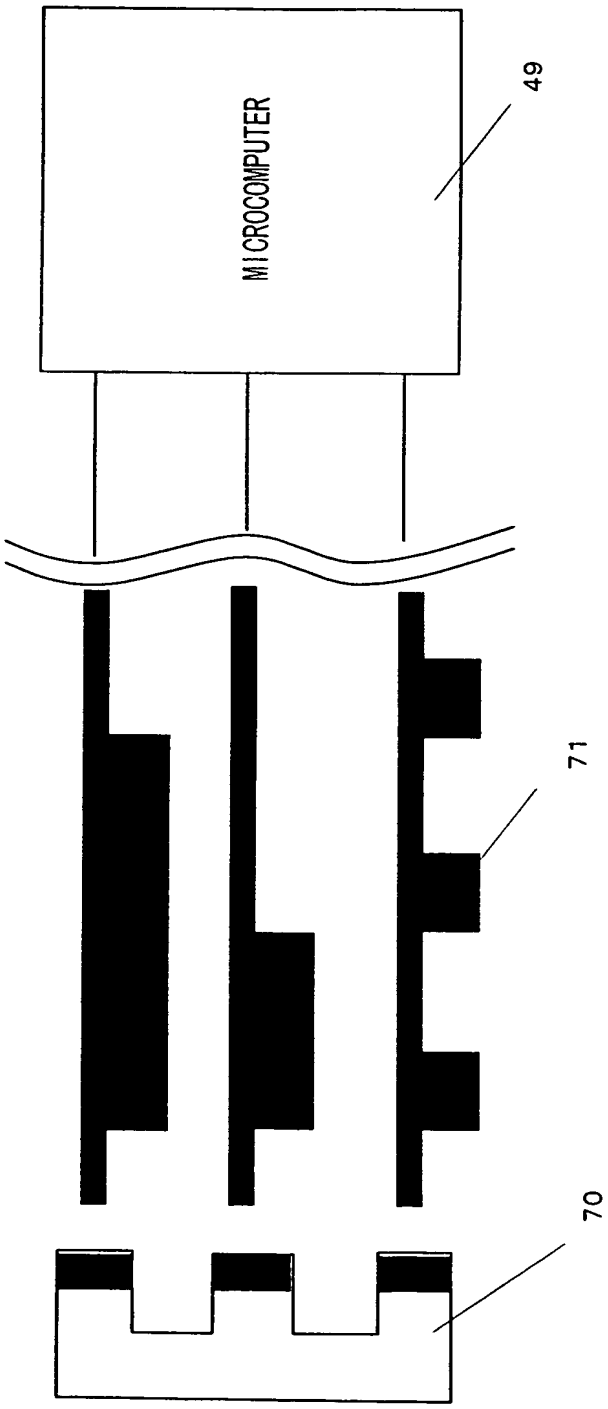


Fig.18

Fig.19A

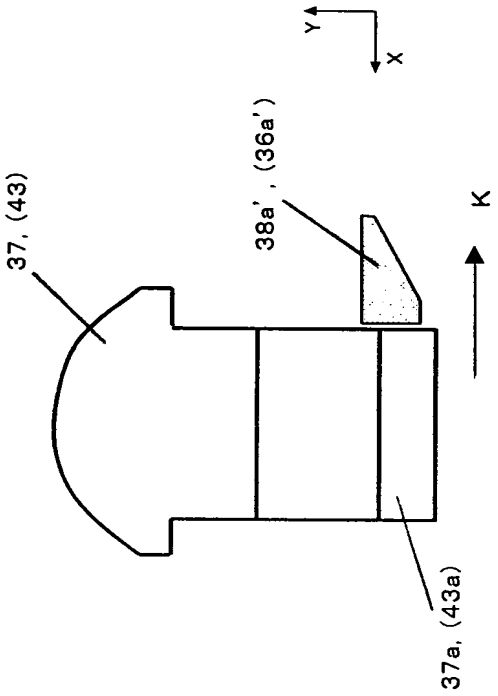


Fig.19 B

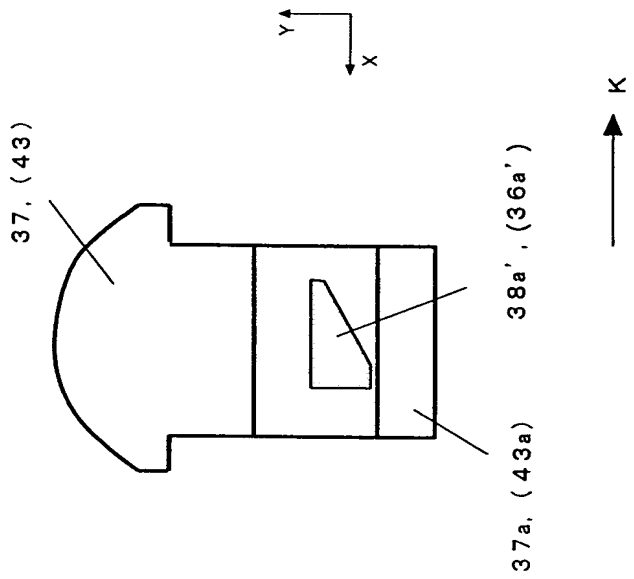


Fig.19 c

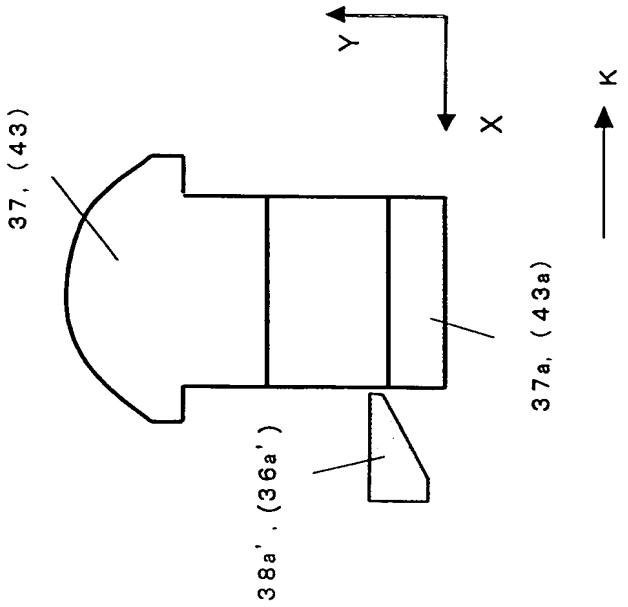


Fig.20 A

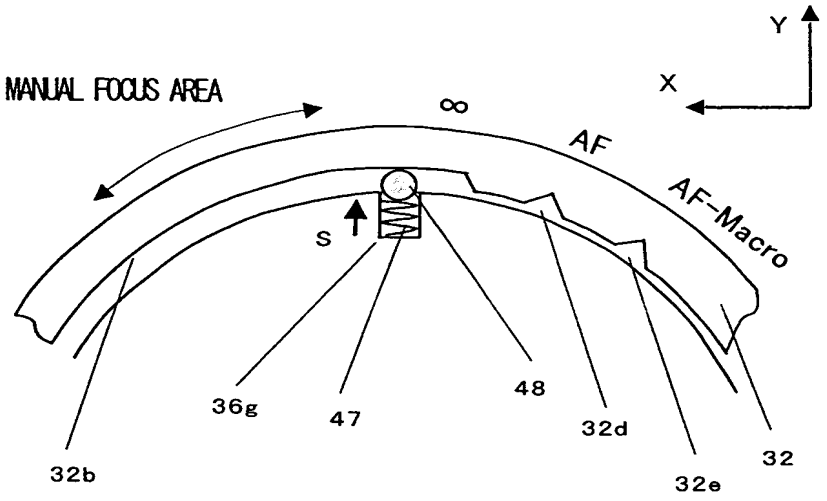


Fig.20 B

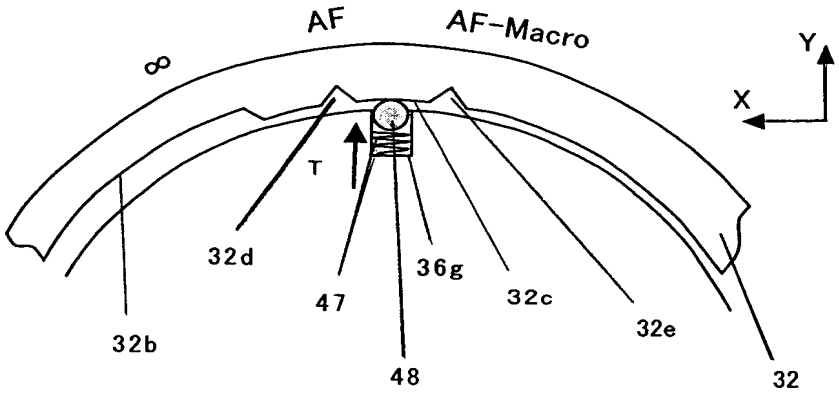


Fig.20C